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015123756 **Image available**

WPI Acc No: 2003-184279/200318

XRPX Acc No: N03-145103

**Deceleration triggering and controlling system for vehicle to avoid
collision detects objects in sensor range to determine measurement values
and predict movement trajectories of objects**

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Number of Countries: 026 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200306291	A1	20030123	WO 2002DE2546	A	20020711	200318 B
DE 10231557	A1	20030731	DE 10231557	A	20020711	200351
US 20040030499	A1	20040212	WO 2002DE2546	A	20020711	200412
			US 2003380259	A	20030808	
EP 1409311	A1	20040421	EP 2002753012	A	20020711	200427
			WO 2002DE2546	A	20020711	
JP 2004521028	W	20040715	WO 2002DE2546	A	20020711	200446
			JP 2003512077	A	20020711	
US 6856906	B2	20050215	WO 2002DE2546	A	20020711	200513
			US 2003380259	A	20030808	

Priority Applications (No Type Date): DE 10133025 A 20010711

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200306291 A1 G 26 B60T-007/22

Designated States (National): JP US

Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR

IE IT LU MC NL PT SE SK TR

DE 10231557 A1 G08G-001/16

US 20040030499 A1 G08G-001/16

EP 1409311 A1 G B60T-007/22 Based on patent WO 200306291

Designated States (Regional): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR

IE IT LI LU MC NL PT SE SK TR

JP 2004521028 W 36 B60T-007/12 Based on patent WO 200306291

US 6856906 B2 G08G-001/16 Based on patent WO 200306291

Abstract (Basic): WO 200306291 A1

NOVELTY - Measurement values representing objects in a sensor
detection range are fed to devices (12,13) to regulate distance or
speed. Devices to classify the objects assign the objects to different
classes when identified. Devices to determine risk of collision
determine the probability of a collision.

DETAILED DESCRIPTION - Devices to determine amount of danger
determine the probability of injuring passengers after a collision.

Deceleration devices (19,20) are triggered accordingly.

An INDEPENDENT CLAIM is also included for a device for triggering
and performing deceleration in a vehicle to avoid a collision or to

reduce impact gravity with an object.

USE - For determining and avoiding risk of vehicle collision.

ADVANTAGE - In the event of a predictable risk of collision, deceleration devices on the vehicle are actuated according to the degree of risk of collision.

DESCRIPTION OF DRAWING(S) - The drawing shows a logical diagram of a device for executing the method of the present invention.

Devices regulating speed or distance (12,13)

Deceleration devices (19,20)

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Title Terms: DECELERATE; TRIGGER; CONTROL; SYSTEM; VEHICLE; AVOID; COLLIDE; DETECT; OBJECT; SENSE; RANGE; DETERMINE; MEASURE; VALUE; PREDICT; MOVEMENT; TRAJECTORY; OBJECT

Derwent Class: Q13; Q17; Q18; T01; X22

International Patent Class (Main): B60T-007/12; B60T-007/22; G08G-001/16

International Patent Class (Additional): B60K-031/00; B60R-021/01;

B60T-013/66

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-E01; T01-F05; X22-C02D

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